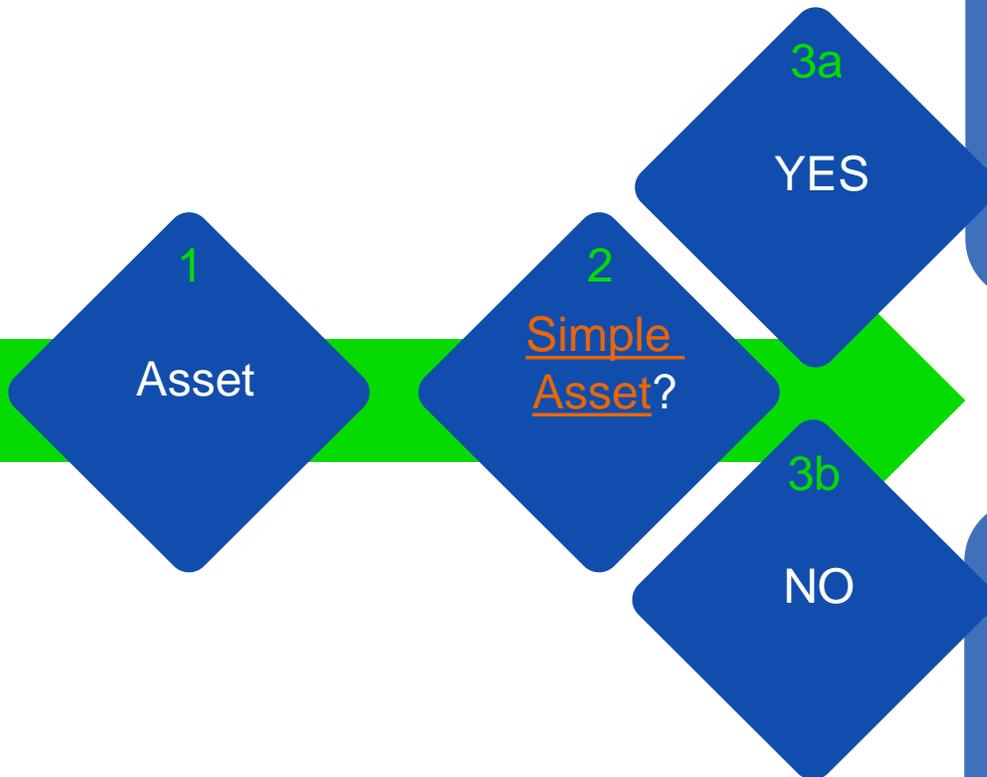




Breaking change in APPS and TMS: Asset Quantity from L120

1. Functional change on Asset quantities: how it worked **before**



Level Assets

- Asset quantity is always 1 and cannot be changed

Asset details – Asset locations

- Asset quantity is always 1 and cannot be changed

Level Assets

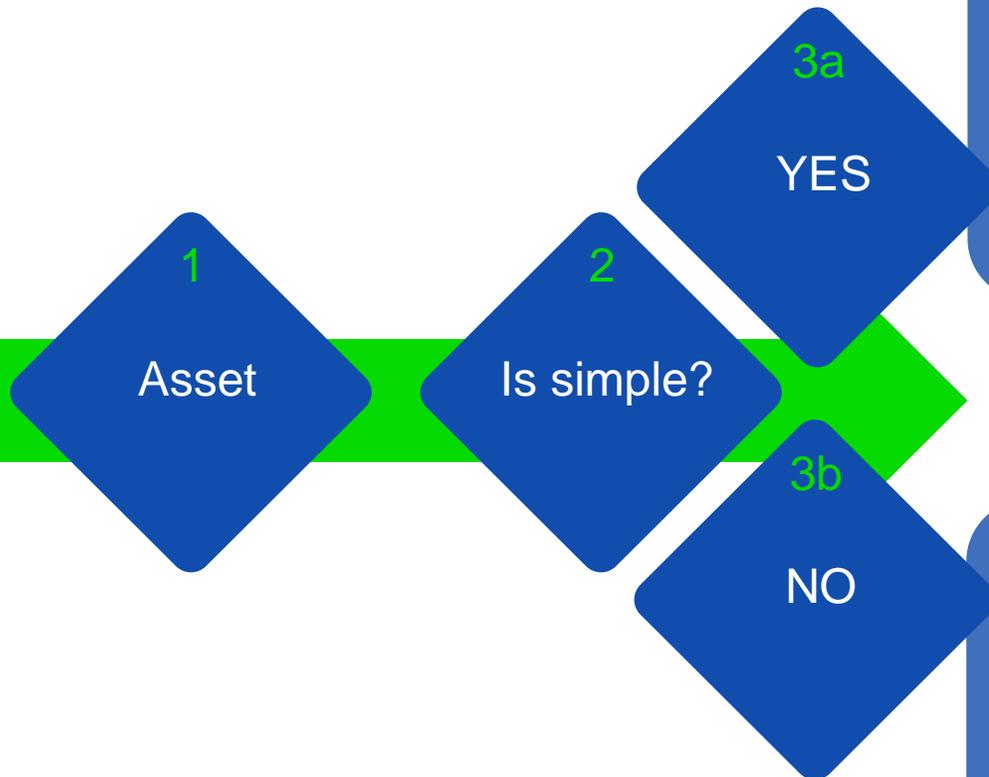
- Asset quantity: field value is calculated, enter quantities via the asset location
- The quantity of the asset is automatically updated

Asset details – Asset locations

- Add 1 or multiple quantities
- Quantity can be greater or equal to 1, **NO** decimal support

Simple Asset Definition: A simple asset is one single asset. Click on 'Simple Asset' to go to the Planon Web Help for an extended definition.

2. Functional change on Asset quantities: how it works **after** (L120)



Level Assets

- Asset quantity: the quantity can be entered with a value greater than 0, including decimal support

Asset details – Asset locations

- The quantity of the asset can be entered or adjusted with a value greater than 0, including decimal support (like 0.5 or 2.5)
- Only 1 asset location with a quantity can be added

Level Assets

- Asset quantity: field value is calculated, enter quantities via the asset location
- The quantity of the asset is automatically updated

Asset details – Asset locations

- Add 1 or multiple quantities
- The quantity must be greater than 0; including decimal support (like 0.5 or 2.5)

3a. Database changes

Business objects

- Locations
 - Asset locations
 - Building element locations

Fields

Field definer

Business objects
Asset locations

Fields Actions Links Statuses Extended actions Display types Extensions Custom indexes

Filter name: No filter selected

Field: Name Operator: Contains Value: quantity

Name	System name	Database field name
Fields (2)		
Previous quantity	PreviousQuantity	VAANTAL
<input checked="" type="checkbox"/> Quantity	Quantity	AANTAL

General Audit info System

* System name	Quantity
Database field name	AANTAL
* In database	<input checked="" type="radio"/> Yes <input type="radio"/> No
* System field	<input type="radio"/> Yes <input checked="" type="radio"/> No
* Planon Field Type	BigDecimal, Big decimal
Planon input length	16
Number of decimal places	2

Field

Field definer

Business objects
Building element locations

Fields Actions Links Statuses Extended actions Display types Extensions Custom indexes

Filter name: No filter selected

Field: Name Operator: Contains Value: quantity

Name	System name	Database field name
Fields (1)		
<input checked="" type="checkbox"/> Quantity	Quantity	AANTAL

General Audit info System

* System name	Quantity
Database field name	AANTAL
* In database	<input checked="" type="radio"/> Yes <input type="radio"/> No
* System field	<input type="radio"/> Yes <input checked="" type="radio"/> No
* Planon Field Type	BigDecimal, Big decimal
Planon input length	16
Number of decimal places	2

3b. Database changes

Business objects

- Move lines
- Move lines - assets
- Move lines - personnel
- Move lines - special items



Field

Field definer

Business objects: Move lines

Fields: Actions Links Statuses Extended actions Display types Extensions Custom indexes

Filter name: No filter selected

Field: Name Operator: Contains Value: number of items

Name	System name	Database field name
<input type="checkbox"/> Fields (1)		
<input checked="" type="checkbox"/> Number of items	NumberOfItems	NUMBER_OF_ITEMS

General Audit info System

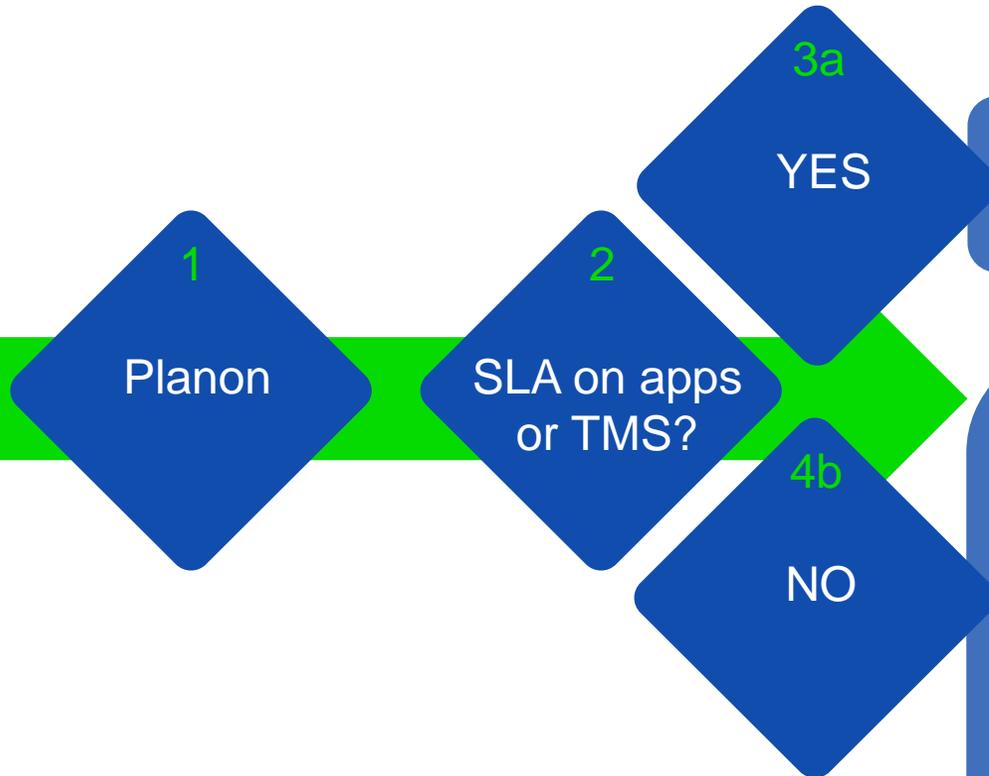
* System name	NumberOfItems
Database field name	NUMBER_OF_ITEMS
* In database	<input checked="" type="radio"/> Yes <input type="radio"/> No
* System field	<input type="radio"/> Yes <input checked="" type="radio"/> No
* Planon Field Type	BigDecimal, Big decimal
Planon input length	16
Number of decimal places	2

NOTE: Business object Move lines – Personnel will be handled as INTEGER; no change needed.

Same for all subtype Business objects:

- Move lines – assets (InventoryItemMoveLine)
- Move lines – special items (SpecialItemMoveLine)
- Statement for change equal to quantity

4. Change on Asset quantities: what to **do** from L120



Contact Planon Support:

- Apps and TMS will be checked by Planon and, if needed, updated

Check APPs and TMS, if quantities are used from the business object (BO):

- **BO: Asset locations**
 - Field: Previous quantity
 - Field: Quantity
- **BO: Building element locations**
 - Field: Quantity
 - Field: Previous quantity
- **BO: Move line – special items**
 - Field: Number of items
- **BO: Move line – assets**
 - Field: Number of items

Change in TMS and APPs:

a<business object>BO.getIntegerFieldByName("<Field>")

a<business object>BO.getBigDecimalFieldByName("<Field>")



Planon ProCenter overview

Changes from L120

5. Asset quantity

Planon

Search

Home

- Access
- Activity planner
- Addresses
- Agile workplace mana...
- Assessments and obs...
- Assets Pro**
- BIM import / export d...
- BIM source definitions
- Budgets
- CAD drawing definitio...
- CAD import definitions
- Cashflow (no invoices)
- Cashflow (with invoic...
- Circular property man...
- Closure date overview
- Compact gauge readi...
- Contracts
- 123 Data aggregation
- Documents
- Hazard registry

Marketplace

Assets Pro

History

Filter name: No filter selected

Field: Code Operator: Contains Value: Search...

- ▲ Base assets
- 000228, Roof coverage (total)**
- 000229, *Air conditioning (7 kW)
- 000230, *Air conditioning (8 kW)
- 000231, *Air conditioning (10 kW)
- 000232, *Traction lift, 10 persons
- ▶ 000233, Traction lift, 7 people
- 000234, Electrical passenger lift general
- 000235, Electrical passenger lift general
- ! 000240, AHU supply 2.8 - 5.6 m3/s
- 000243, Emergency lighting decentrally fed
- ▶ 000244, Airco Unit
- ✕ 000245, VAV box
- 000246, Main distribution unit 19 - 21 groups
- 000247, High voltage power distribution board
- 000248, Fire control panel
- 000249, Storage boiler electrical < 30 l.
- 000250, Storage boiler electrical 80 l.
- 000251, Main distribution unit 13 - 15 groups
- 000252, Main distribution unit 22 - 24 groups
- 000253, Splitting system VAV

General Maintenance Specs Links Integrations Remarks Audit info

General

- * Code: 000228
- Description: Roof coverage (total)
- Standard asset
- Main asset
- Replacement for asset

Location

- Property: 14, *Columbus Square
- Space

Details

- User-defined status: BA20, In use
- User-defined type: Technical asset
- * Simple: Yes No
- * Quantity: 256.15
- Unit: m2, Square meter

Classifications

- * Asset group: 04, Building & grounds
- Asset classification
- Technical classification
- Alternative classification

Photo

Photo: Drop file or Browse

Actions

- Create QR code
- Go to
- Regulations
- Permits
- Technical asset
- + Add Asset Asset FM
- + Add Asset Weather sta...
- + Add Asset Technical as...
- + Add Building element
- + Add subasset Asset FM
- + Add subasset Weather...
- + Add subasset Technica...
- + Add Standard asset
- + Add Standard building...
- Deep copy asset
- Delete
- Change type
- Apply asset scope
- Transfer to archive
- Retrieve from archive
- Attach attribute set

Cancel Save

6A. Simple assets: YES (L120)

Properties *Columbus Square Filters Assets Asset details

History

Filter name: No filter selected

Field: Code

Operator: Contains

Value: Search...

Base assets

- 000228, Roof coverage (total)
- 000229, *Air conditioning (7 kW)
- 000230, *Air conditioning (8 kW)
- 000231, *Air conditioning (10 kW)
- 000232, *Traction lift, 10 persons
- 000233, Traction lift, 7 people
- 000234, Electrical passenger lift general
- 000235, Electrical passenger lift general
- 000240, AHU supply 2.8 - 5.6 m3/s
- 000243, Emergency lighting decentrally fed

General Maintenance Specs Links Integrations

General

- * Code: 000228
- Description: Roof coverage (total)
- Standard asset
- Main asset
- Replacement for asset

Location

- * Property: 14, *Columbus Square
- Space

Details

- User-defined status: BA20, In use
- User-defined type: Technical asset
- * Simple: Yes
- * Quantity: 256.15
- Unit: m2, Square meter

Properties *Columbus Square Filters Assets 000228, Roof coverage (total) Asset details

History

Asset locations Parent assets Dependent assets Related assets Components Purchases Replacements Knowledge

Filter name: No filter selected

Field: Asset / building element

Operator: =

Value: Search...

Pro... ↓↑ Property.Name ↓↑ S... ↓↑

Asset locations (1)

14 *Columbus Square

General

General

- Date: 03/06/2025
- * Property: 14, *Columbus Square
- Space
- Quantity: 256.15
- Unit: m2, Square meter
- * Asset / building element: 000228, Roof coverage (total)

Asset quantity – Simple Asset: YES

The decimal quantity can be handled at:

- The 'Quantity' fields on the level 'Assets'
- The 'Asset details' level (refer to point 2).
- Fields will be kept in sync

6B. Simple assets: NO (L120)

Properties *Columbus Square Filters Assets 000228, Roof coverage (total) Asset details Mai

History

Asset locations Parent assets Dependent assets Related assets Components Purchases Replacements Knowledge base

Filter name: No filter selected

Field: Asset / building element

Operator: =

Value: Search...

General

Date	03/06/2025
* Property	14, *Columbus Square
Space	
Quantity	125.55
Unit	m2, Square meter
* Asset / building element	000228, Roof coverage (total)

1

Details

User-defined status: BA20, In use

User-defined type: Technical asset

* Simple: Yes No

* Quantity: 256.15

Unit: m2, Square meter

3

Level 'Assets'

Properties *Columbus Square Filters Assets 000228, Roof coverage (total) Asset details M

History

Asset locations Parent assets Dependent assets Related assets Components Purchases Replacements Knowledge base

Filter name: No filter selected

Field: Asset / building element

Operator: =

Value: Search...

General

Date	03/06/2025
* Property	14, *Columbus Square
Space	
Quantity	130.6
Unit	m2, Square meter
* Asset / building element	000228, Roof coverage (total)

2

Details

User-defined status: BA20, In use

User-defined type: Technical asset

* Simple: Yes No

* Quantity: 256.15

Unit: m2, Square meter

3

Asset quantity – Simple Asset: NO

- Decimal quantities can be handled at the 'Asset details' level (refer to points 1 and 2).
- The total quantity (as calculated) is displayed at the 'Assets' level (refer point 3).